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NOTICE OF ALLOWANCE AND FEE(S) DUE

22150

7590

07/26/2010

F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797 EXAMINER

WARREN, MATTHEW E

ART UNIT PAPER NUMBER

2815

DATE MAILED: 07/26/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590,101	07/25/2007	Jung-a Choi	8021-408 (SS-21261-US)	5122

TITLE OF INVENTION: SEMICONDUCTOR DEVICE HAVING MULTI-GATE STRUCTURE AND METHOD OF MANUFACTURING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/26/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

appropriate. All further	correspondence includir ed below or directed oth	ng the Patent, advance o	orders and notification of r	naintenance fees will	be mailed to the current	correspondence address as a rate "FEE ADDRESS" for	
	DENCE ADDRESS (Note: Use Bl	ock 1 for any change of address)	Foot	(c) Transmittal This co	rtificate cannot be used f	or domestic mailings of the or any other accompanying nt or formal drawing, must	
F. CHAU & A 130 WOODBUI WOODBURY,	SSOCIATES, LLO RY ROAD	/2010 C		Certific	ate of Mailing or Trans		
						(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	. AT	TORNEY DOCKET NO.	CONFIRMATION NO.	
10/590,101	07/25/2007	•	Jung-a Choi	802	21-408 (SS-21261-US)	5122	
			TI-GATE STRUCTURE A				
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nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/26/2010	
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
WARREN, M	MATTHEW E	2815	257-296000				
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 			or agents OR, alternation (2) the name of a single registered attorney or a 2 registered patent attollisted, no name will be	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	less an assignee is ident th in 37 CFR 3.11. Comp GNEE	ified below, no assignee oletion of this form is NC	OT a substitute for filing an (B) RESIDENCE: (CITY	atent. If an assignee i assignment. 7 and STATE OR COU	NTRY)	ocument has been filed for	
Please check the appropr	riate assignee category or	categories (will not be p	rinted on the patent):	Individual Corpo	ration or other private gro	oup entity Government	
4a. The following fee(s) Issue Fee	are submitted:	4	b. Payment of Fee(s): (Plea A check is enclosed.	se first reapply any p	reviously paid issue fee	shown above)	
	No small entity discount p	permitted)	Payment by credit card. Form PTO-2038 is attached.				
Advance Order -	# of Copies	· · · · · · · · · · · · · · · · · · ·	The Director is hereby overpayment, to Depo	authorized to charge to	he required fee(s), any de (enclose a	ficiency, or credit any n extra copy of this form).	
5. Change in Entity Sta	itus (from status indicate	d above)	o terpujineni, te Bepe		(enerose a	in contra copy of uno form).	
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NOTE: The Issue Fee an interest as shown by the	nd Publication Fee (if req records of the United Sta	uired) will not be accepte tes Patent and Trademark	ed from anyone other than t k Office.	he applicant; a register	ed attorney or agent; or th	ne assignee or other party in	
Authorized Signature				Date			
Typed or printed name			Registration No				
This collection of inform an application. Confiden submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 223	Jirginia 22313-1450. DC	CFR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain or r 1.14. This collection is est y depending upon the indiv ne Chief Information Office COMPLETED FORMS TO	retain a benefit by the primated to take 12 min- ridual case. Any commer, U.S. Patent and Tra D THIS ADDRESS. SI	ublic which is to file (and tes to complete, includin tents on the amount of tit demark Office, U.S. Depe END TO: Commissioner	by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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22150 75	590 07/26/2010		EXAM	INER	
F. CHAU & ASS	SOCIATES, LLC	WARREN, MATTHEW E			
130 WOODBURY		ART UNIT	PAPER NUMBER		
WOODBURY, NY	(11797		2815		
			DATE MAILED: 07/26/2010		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 396 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 396 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
	10/590,101	CHOI ET AL.			
Notice of Allowability	Examiner	Art Unit			
	MATTHEW E WADDEN	2015			
	MATTHEW E. WARREN	2815			
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this or other appropriate communicat IGHTS. This application is subject	application. If not included ion will be mailed in due course. THIS			
1. 🔀 This communication is responsive to the Amendment filed	on April 30,2010.				
2. The allowed claim(s) is/are <u>1-7 and 9-18</u> .					
 3. Acknowledgment is made of a claim for foreign priority unal (a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 					
2. Certified copies of the priority documents have	e been received in Application No.	·			
3. Copies of the certified copies of the priority do	cuments have been received in th	is national stage application from the			
International Bureau (PCT Rule 17.2(a)).					
* Certified copies not received:					
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		oly complying with the requirements			
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give					
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.				
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached					
1) hereto or 2) to Paper No./Mail Date					
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date					
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t					
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT					
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Informa	ıl Patent Application			
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🔲 Interview Summa				
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail I 7. ⊠ Examiner's Amer	Date ndment/Comment			
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🗌 Examiner's State	ment of Reasons for Allowance			
of Biological Material	9.				
/Matthew E Warren/					
Primary Examiner, Art Unit 2815					

DETAILED ACTION

This Office Action is in response to the Amendment filed April 30, 2010.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Scott Appelbaum on July 19, 2010.

The application has been amended as follows:

Claims 19-37 are cancelled.

Allowable Subject Matter

Claims 1-7 and 9-18 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW E. WARREN whose telephone number is

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Art Unit: 2815

(571)272-1737. The examiner can normally be reached on Mon-Thur and alternating Fri 9:00-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Parker can be reached on (571) 272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Matthew E Warren/ Primary Examiner, Art Unit 2815